

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045580.D
 Acq On : 06 Nov 2021 00:14
 Operator : SY/MD
 Sample : M4508-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-478-480

Quant Time: Nov 06 21:49:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

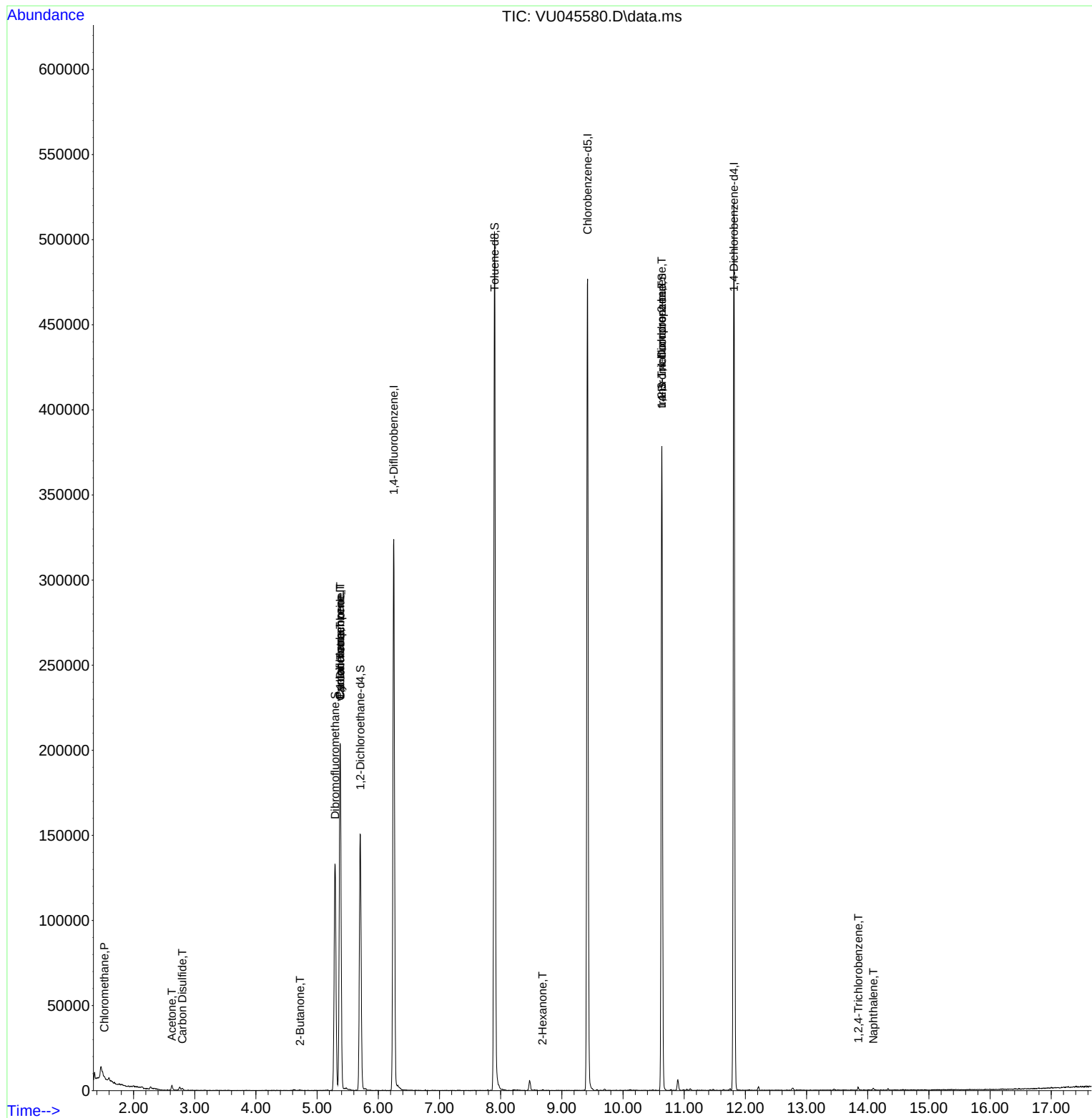
Internal Standards						
1) Pentafluorobenzene	5.375	168	134561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	253607	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	258726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	127371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	110479	54.823	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.640%			
35) Dibromofluoromethane	5.292	113	86720	51.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.440%			
50) Toluene-d8	7.899	98	335212	53.241	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.480%			
62) 4-Bromofluorobenzene	10.636	95	126603	50.145	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.300%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	464	0.232	ug/l #	41
16) Acetone	2.626	43	3453	3.366	ug/l	95
17) Carbon Disulfide	2.797	76	1656	0.399	ug/l #	75
25) 2-Butanone	4.723	43	478	0.336	ug/l #	47
31) Cyclohexane	5.375	56	3318	1.128	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	11746	4.750	ug/l #	51
38) Carbon Tetrachloride	5.379	117	14296	5.734	ug/l #	16
59) 2-Hexanone	8.684	43	471	7.718	ug/l	74
76) 1,2,3-Trichloropropane	10.632	75	67580	17.496	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	67580	56.877	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.844	180	619	0.226	ug/l	88
95) Naphthalene	14.092	128	1501	1.171	ug/l #	69

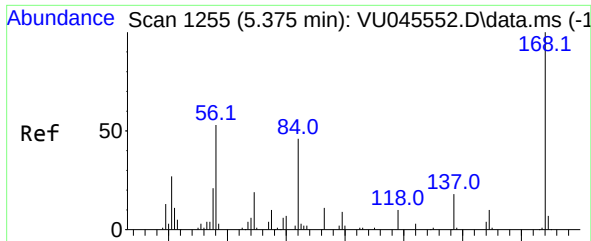
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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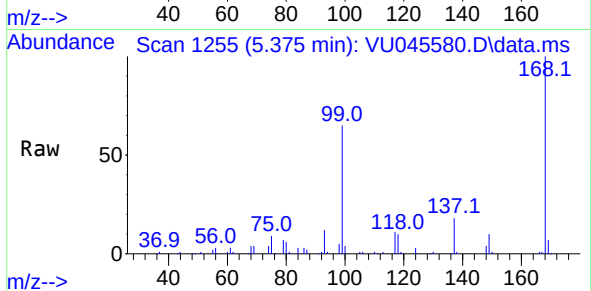
Quant Time: Nov 06 21:49:58 2021
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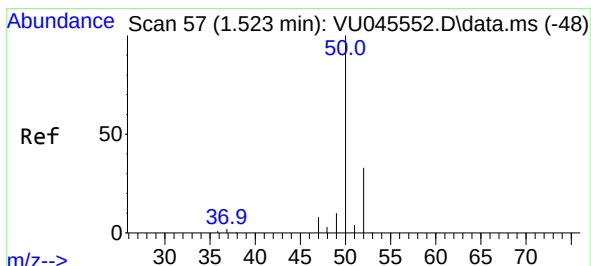
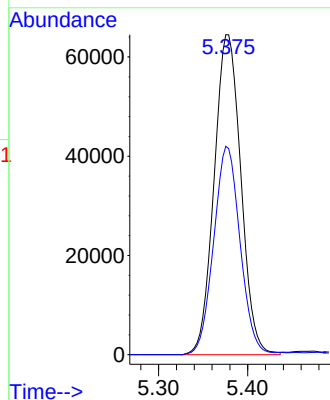
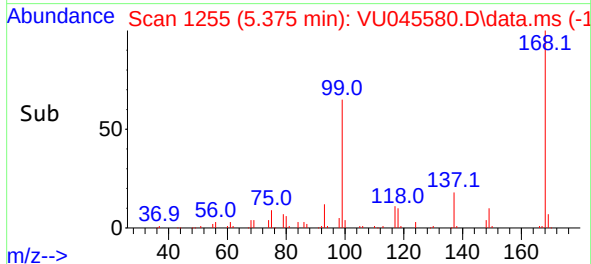


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-478-480

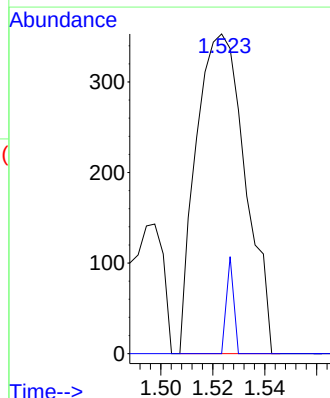
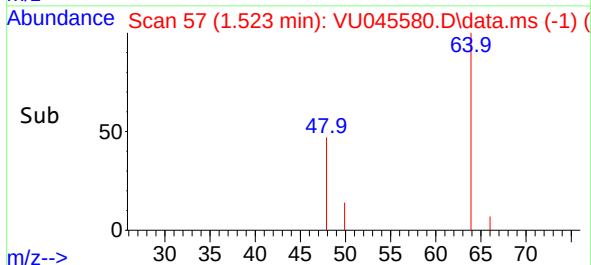
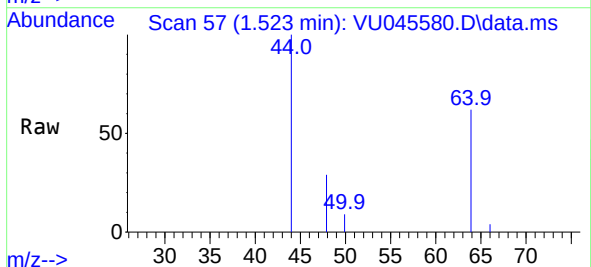


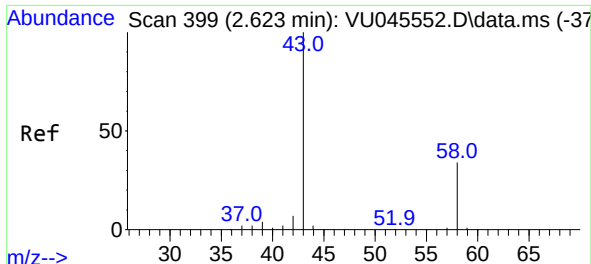
Tgt Ion:168 Resp: 134561
Ion Ratio Lower Upper
168 100
99 65.1 51.0 76.6



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

Tgt Ion: 50 Resp: 464
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





#16

Acetone

Concen: 3.366 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045580.D

Acq: 06 Nov 2021 00:14

Instrument :

MSVOA_U

ClientSampleId :

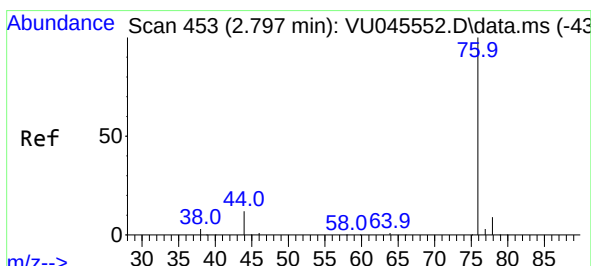
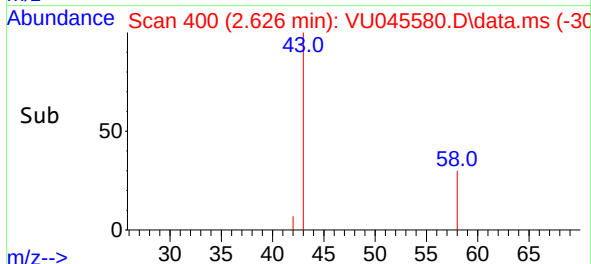
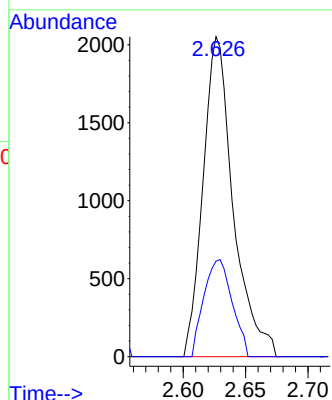
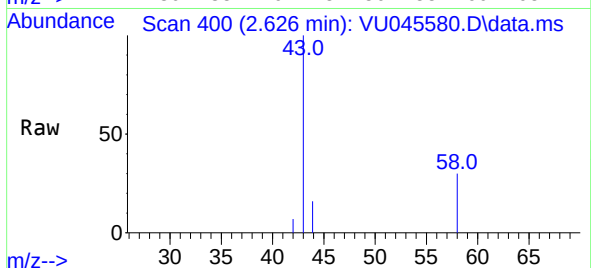
BP-VPB-RW9-GW-478-480

Tgt Ion: 43 Resp: 3453

Ion Ratio Lower Upper

43 100

58 29.8 26.2 39.2



#17

Carbon Disulfide

Concen: 0.399 ug/l

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU045580.D

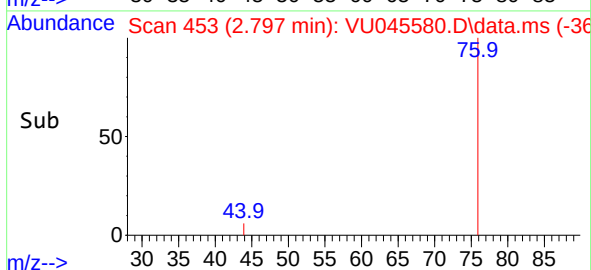
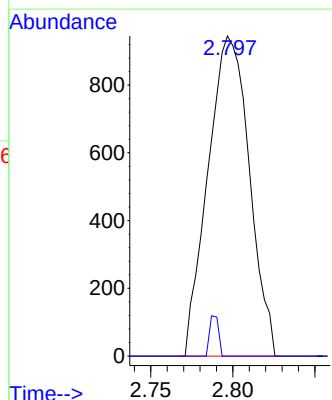
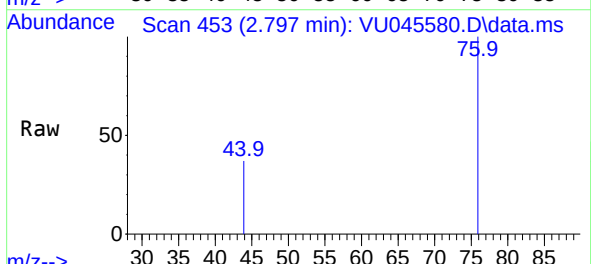
Acq: 06 Nov 2021 00:14

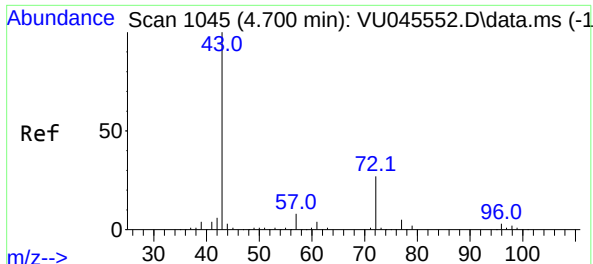
Tgt Ion: 76 Resp: 1656

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

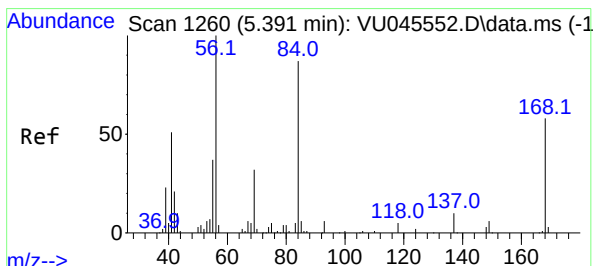
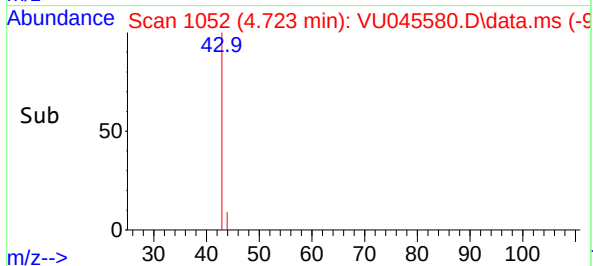
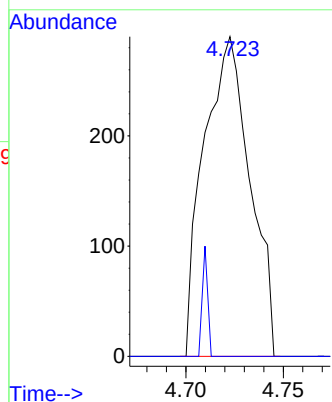
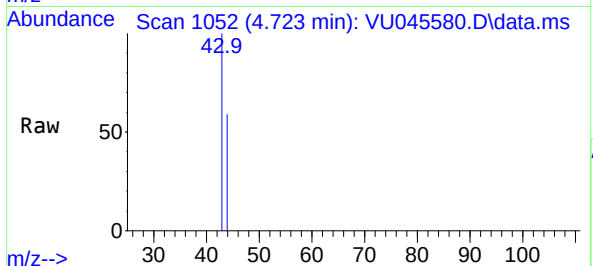




#25
2-Butanone
Concen: 0.336 ug/l
RT: 4.723 min Scan# 1045
Delta R.T. 0.023 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

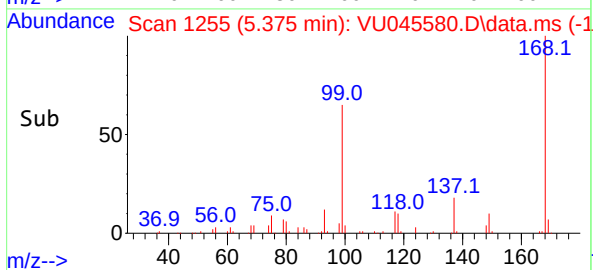
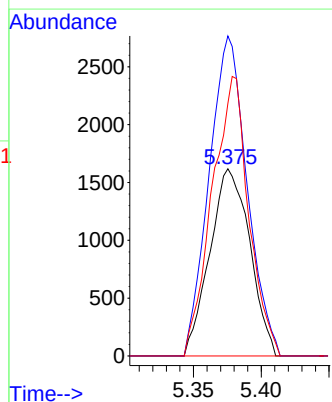
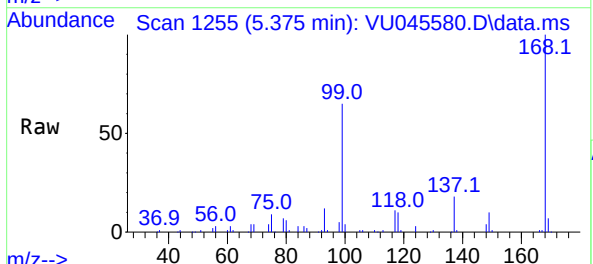
Instrument :
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ClientSampleId :
BP-VPB-RW9-GW-478-480

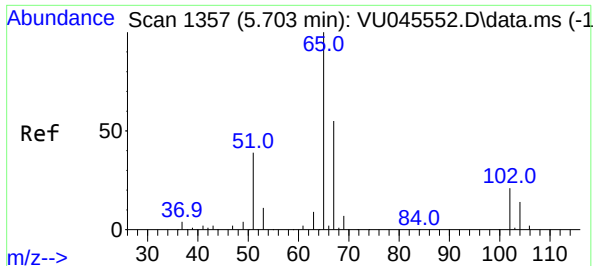
Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

Tgt Ion: 56 Resp: 3318
Ion Ratio Lower Upper
56 100
69 170.9 26.4 39.6#
84 134.8 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 54.823 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045580.D

Acq: 06 Nov 2021 00:14

Instrument :

MSVOA_U

ClientSampleId :

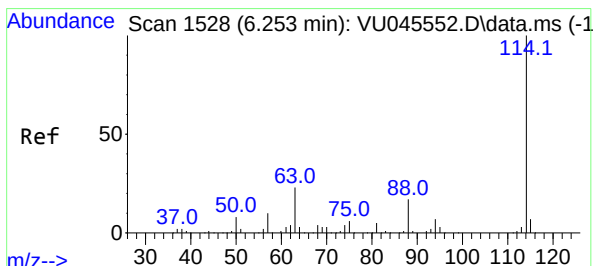
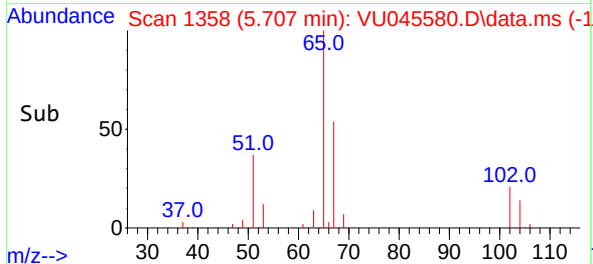
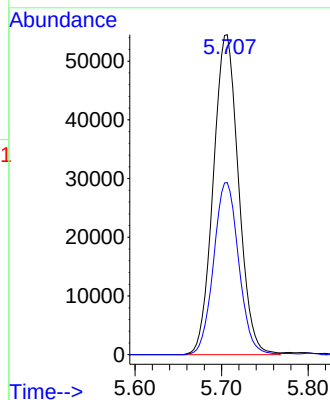
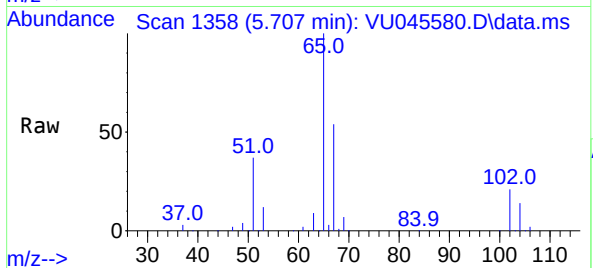
BP-VPB-RW9-GW-478-480

Tgt Ion: 65 Resp: 110479

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045580.D

Acq: 06 Nov 2021 00:14

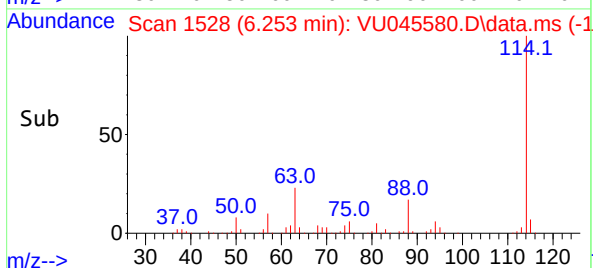
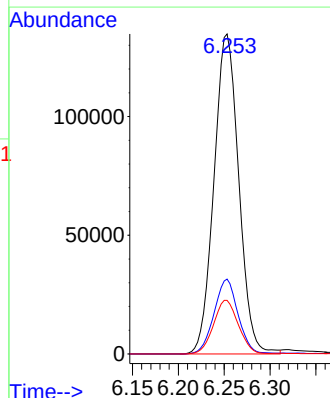
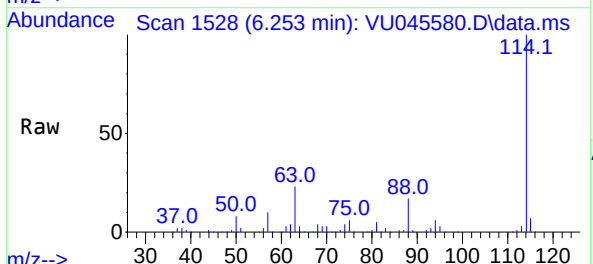
Tgt Ion: 114 Resp: 253607

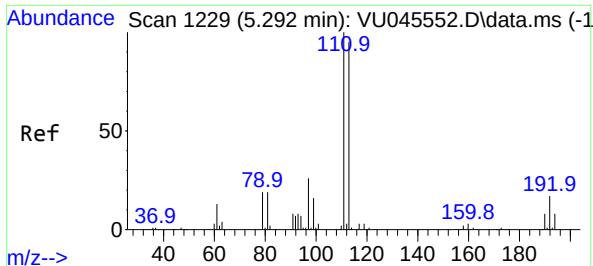
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.6

88 16.7 0.0 33.8

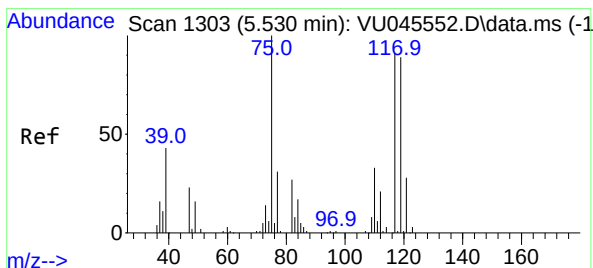
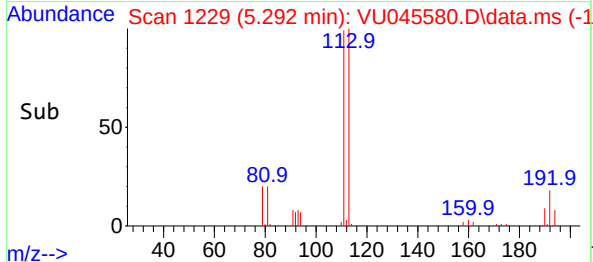
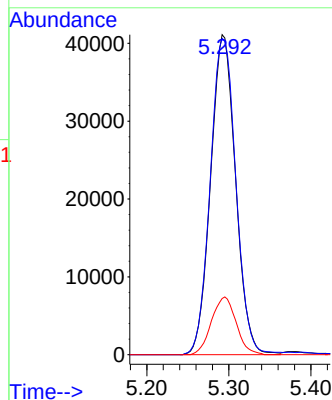
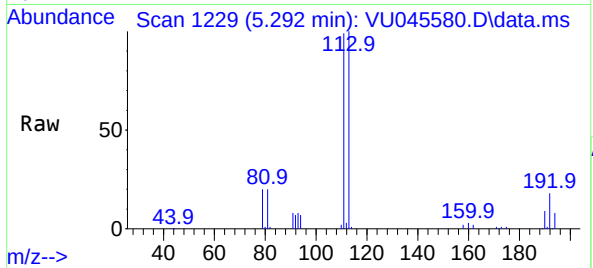




#35
Dibromofluoromethane
Concen: 51.217 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

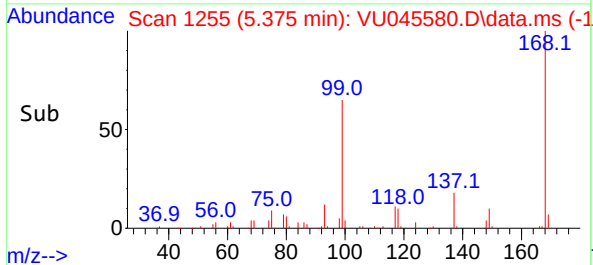
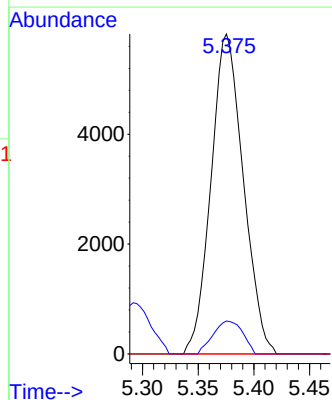
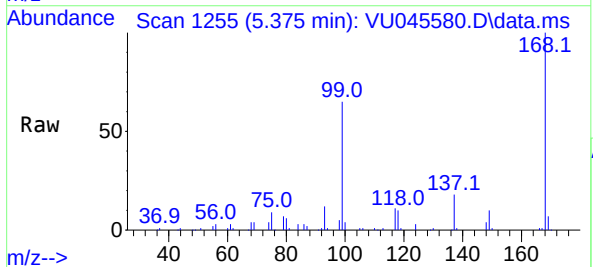
Instrument :
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ClientSampleId :
BP-VPB-RW9-GW-478-480

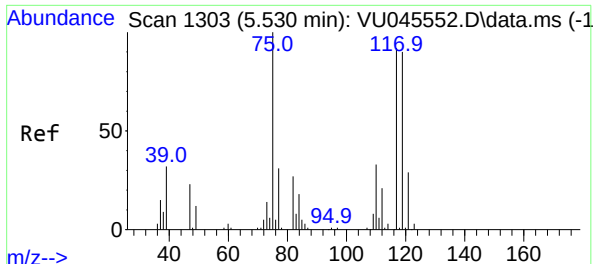
Tgt Ion:113 Resp: 86720
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 17.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.750 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

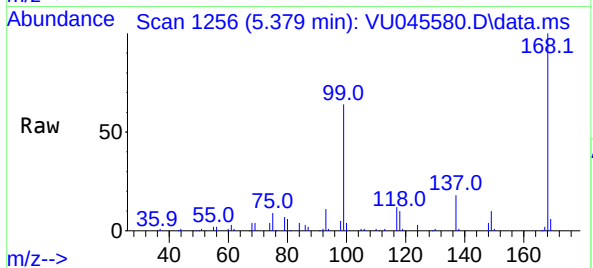
Tgt Ion: 75 Resp: 11746
Ion Ratio Lower Upper
75 100
110 9.4 16.7 50.0#
77 0.0 25.0 37.4#



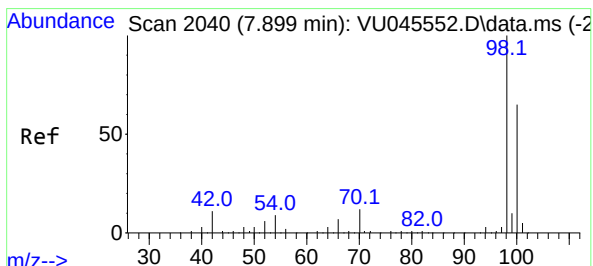
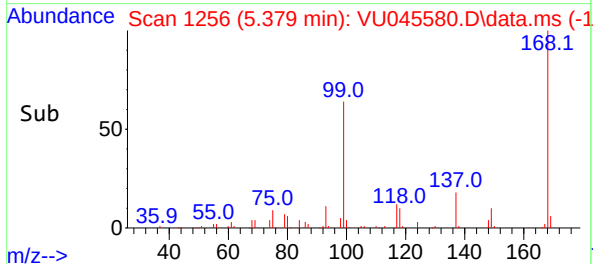
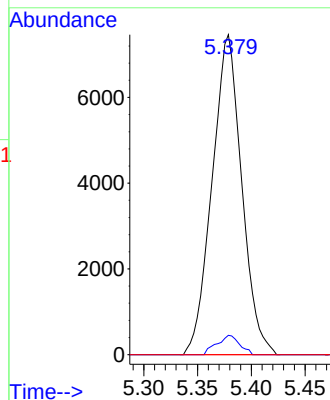


#38
Carbon Tetrachloride
Concen: 5.734 ug/l
RT: 5.379 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-GW-478-480

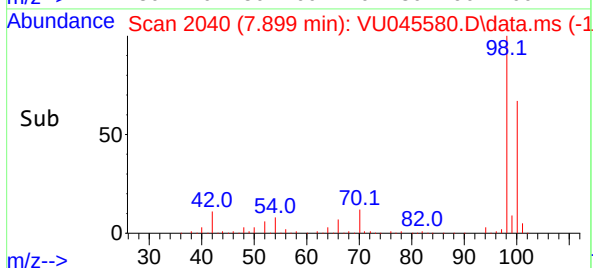
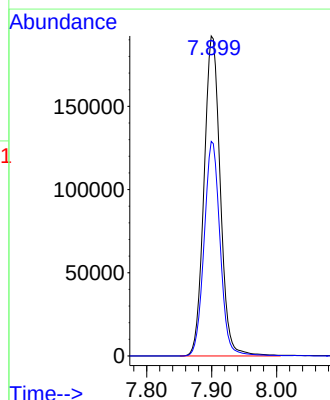
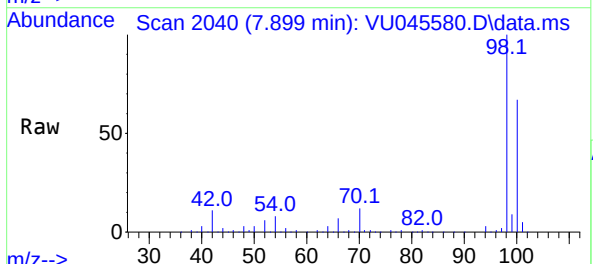


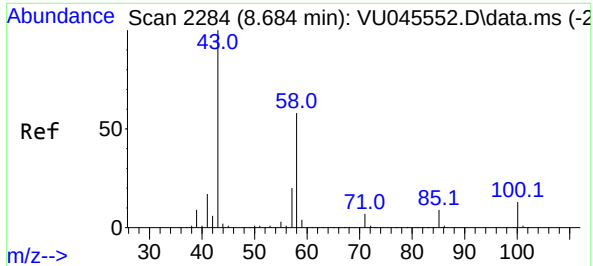
Tgt Ion:117 Resp: 14296
Ion Ratio Lower Upper
117 100
119 6.1 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.241 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

Tgt Ion: 98 Resp: 335212
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

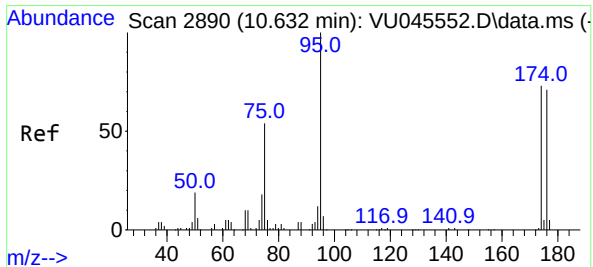
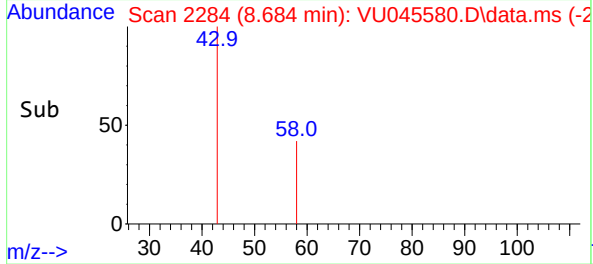
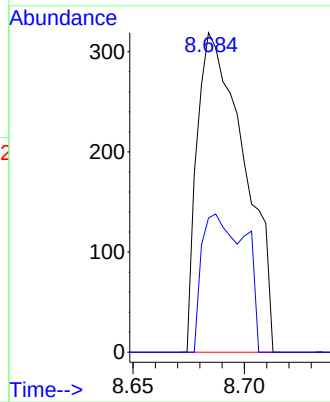
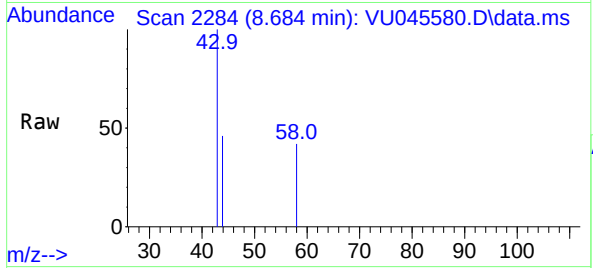




#59
2-Hexanone
Concen: 7.718 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

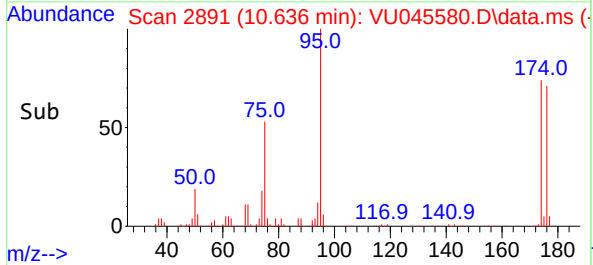
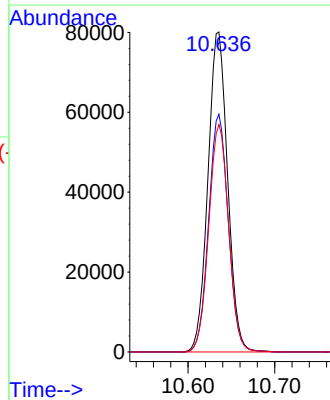
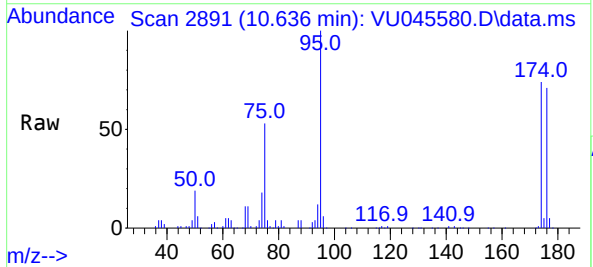
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-478-480

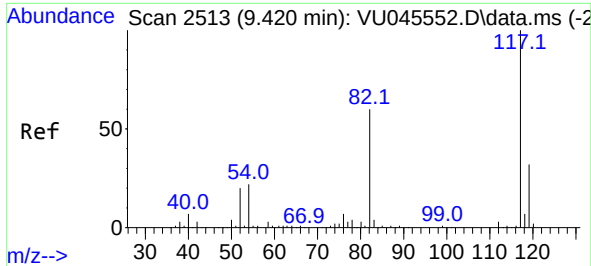
Tgt Ion:	43	Resp:	471
Ion	Ratio	Lower	Upper
43	100		
58	39.5	29.5	88.6



#62
4-Bromofluorobenzene
Concen: 50.145 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

Tgt Ion:	95	Resp:	126603
Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	141.8
176	71.5	0.0	138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045580.D

Acq: 06 Nov 2021 00:14

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-478-480

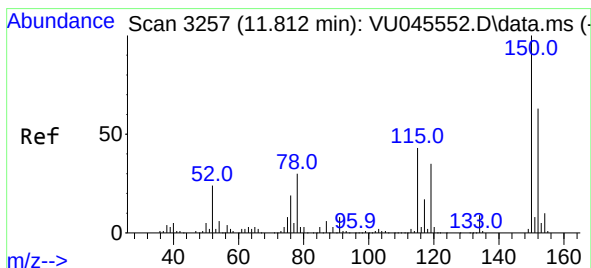
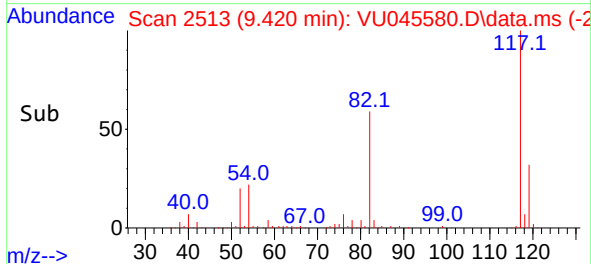
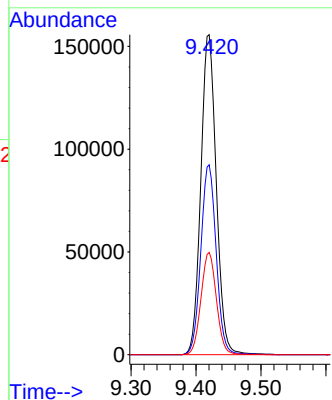
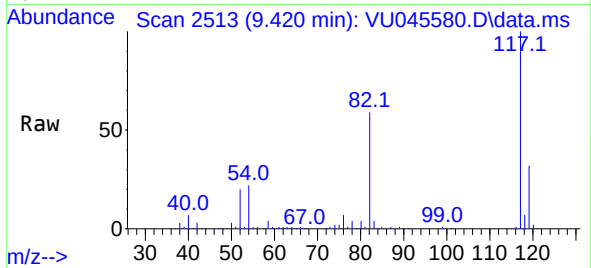
Tgt Ion:117 Resp: 258726

Ion Ratio Lower Upper

117 100

82 59.3 47.8 71.8

119 32.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU045580.D

Acq: 06 Nov 2021 00:14

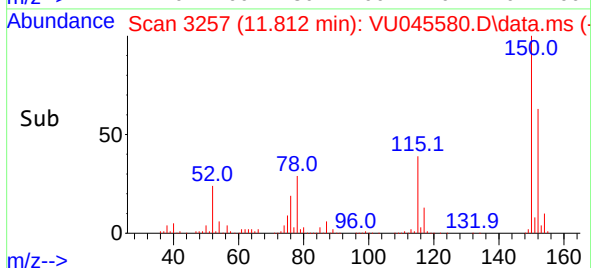
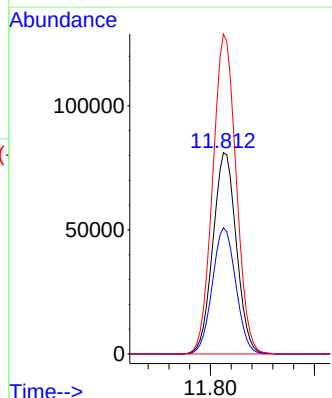
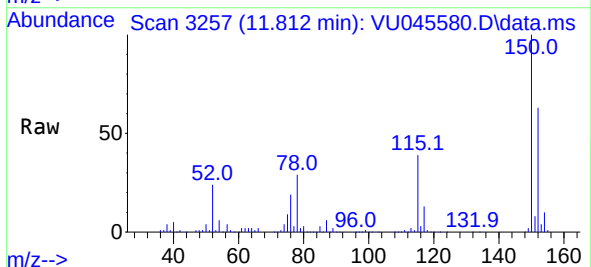
Tgt Ion:152 Resp: 127371

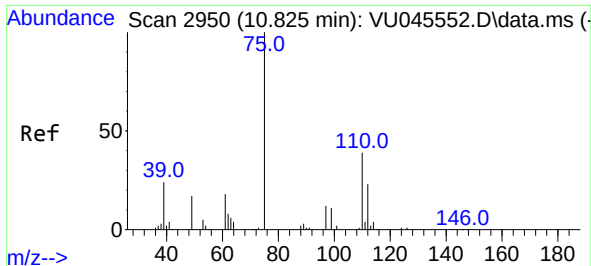
Ion Ratio Lower Upper

152 100

115 62.8 42.7 128.1

150 158.6 0.0 346.8

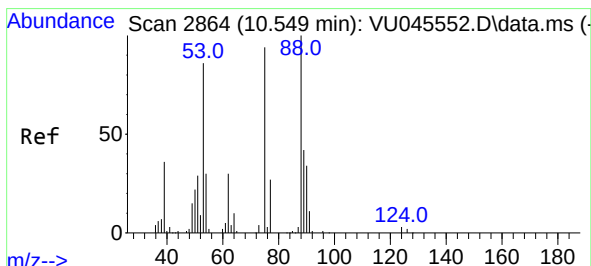
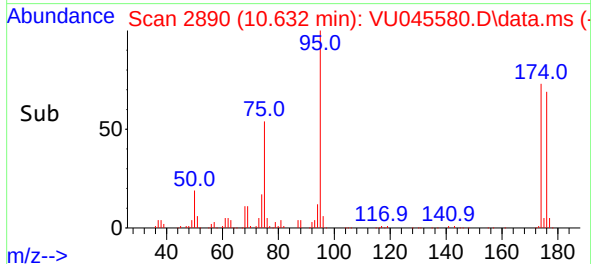
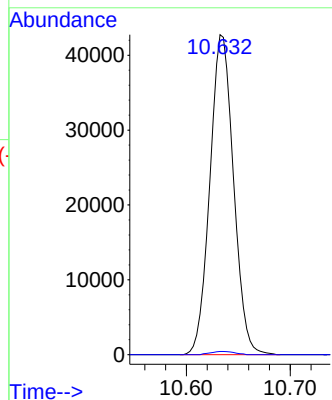
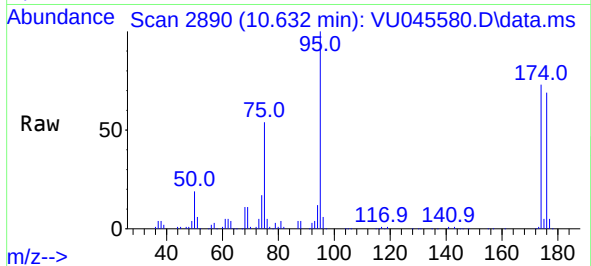




#76
1,2,3-Trichloropropane
Concen: 17.496 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

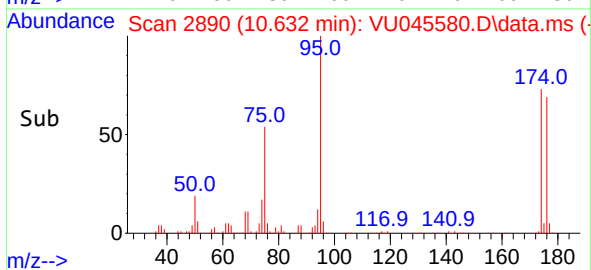
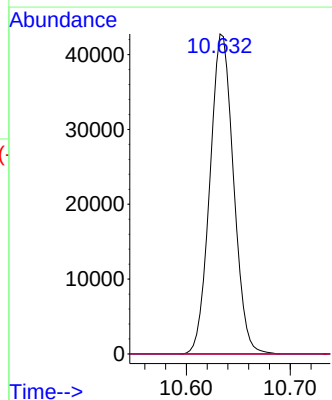
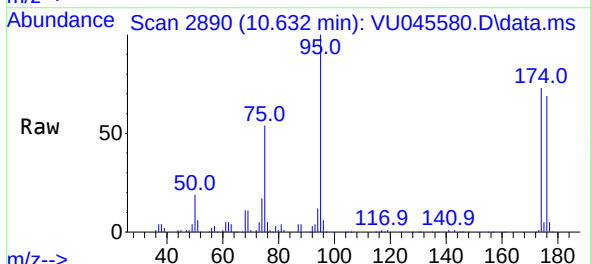
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-478-480

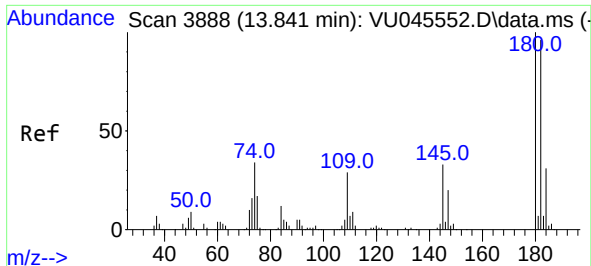
Tgt Ion: 75 Resp: 67580
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.877 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.083 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

Tgt Ion: 75 Resp: 67580
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

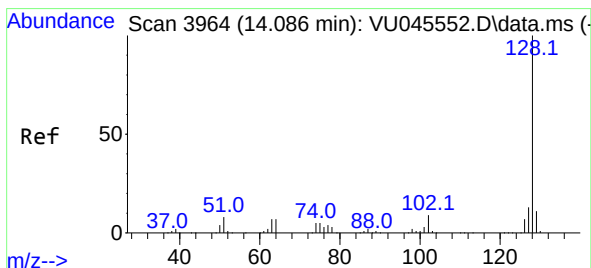
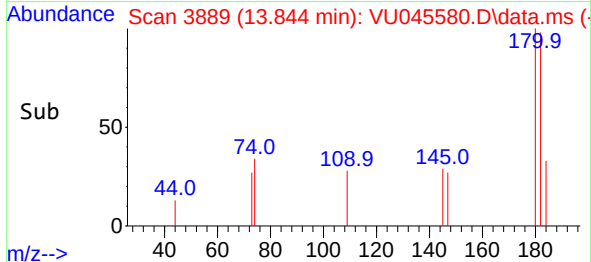
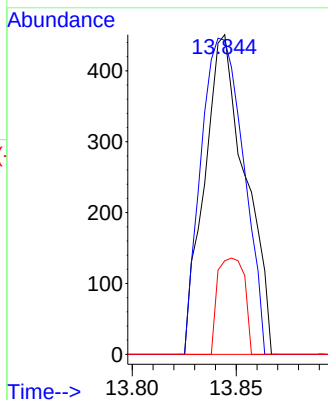
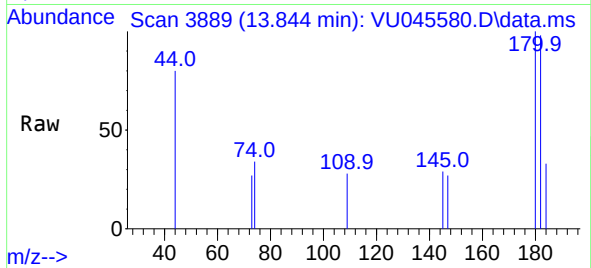




#93
1,2,4-Trichlorobenzene
Concen: 0.226 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-478-480

Tgt Ion:180	Resp:	619
Ion	Ratio	Lower Upper
180	100	
182	102.7	47.0 141.2
145	19.7	15.6 46.7



#95
Naphthalene
Concen: 1.171 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045580.D
Acq: 06 Nov 2021 00:14

Tgt Ion:128	Resp:	1501
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.6 15.8#
129	0.0	8.6 13.0#

